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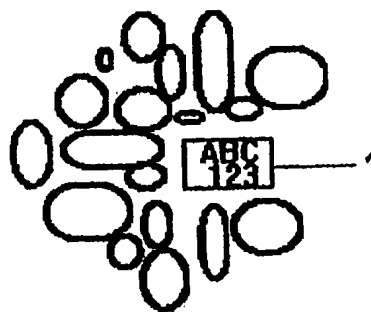
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G01N 33/02, 21/29, A23K 1/16		A1	(11) International Publication Number: WO 99/04259 (43) International Publication Date: 28 January 1999 (28.01.99)
(21) International Application Number: PCT/CA98/00005 (22) International Filing Date: 5 January 1998 (05.01.98) (30) Priority Data: 2,209,035 17 July 1997 (17.07.97) CA (71)(72) Applicant and Inventor: GRAHAM, Ronald, C. [CA/CA]; P.O. Box 419, Acme, Alberta T0M 0A0 (CA).		(81) Designated States: AU, BR, IL, JP, MX, NZ, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.	

(54) Title: CODED TRACER FOR ANIMAL FEEDS

(57) Abstract

In a tracer for use in animal feeds, it is known to be a distinguishable marker of which a very small amount is included in a quantity of the feed. In this invention, the tracer consists of uniformly sized particles made of either paper products or plastic products, serving as a harmless marker. The tracer is distinguishable by colouring and by coding, on the tracer particles, which are detectable by a microscopic inspection of the feed.



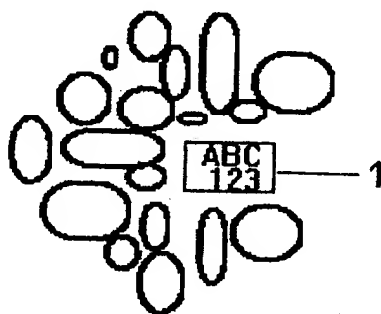
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EE	Estonia			SG	Singapore		

1/1

Figure 1



INTERNATIONAL SEARCH REPORT

ii. National Application No

PCT/CA 98/00005

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 G01N33/02 G01N21/29 A23K1/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 6 G01N A23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 438 781 A (MACMILLAN MELVIN J ET AL) 15 April 1969 see column 2, line 5 - column 6, line 29 see examples I-XII see claim 1	1
A	US 4 654 165 A (EISENBERG SYLVAN) 31 March 1987 see column 2, line 67 - column 3, line 4 see examples 1,2 see claims 1,3,8,10	1
A	US 3 469 990 A (EISENBERG SYLVAN) 30 September 1969 see the whole document	1

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"Z" document member of the same patent family

Date of the actual completion of the international search

8 April 1998

Date of mailing of the international search report

16/04/1998

Name and mailing address of the ISA

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Authorized officer

Dekeirel, M

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 98/00005

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2 868 644 A (EISENBERG SYLVAN) 13 January 1959 see the whole document ---	1
A	US 4 421 858 A (JACKSON DENNIS E) 20 December 1983 see column 3, line 23 - column 6, line 3 see examples 1-4 ---	1
A	EP 0 383 116 A (HOFFMANN LA ROCHE) 22 August 1990 see page 4, line 14 - line 24 see claim 1 ---	1
A	US 4 861 586 A (SCHNEIDER LOTHAR ET AL) 29 August 1989 see column 2, line 53 - line 56 see claims 1,7 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int. rnational Application No

PCT/CA 98/00005

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 3438781 A	15-04-69	DE 1492905 A	13-02-69
US 4654165 A	31-03-87	CN 1003448 B	01-03-89
		EP 0198426 A	22-10-86
US 3469990 A	30-09-69	NONE	
US 2868644 A	13-01-59	NONE	
US 4421858 A	20-12-83	CA 1182731 A	19-02-85
EP 0383116 A	22-08-90	US 5043170 A	27-08-91
		JP 2245143 A	28-09-90
US 4861586 A	29-08-89	DE 3611122 A	15-10-87
		CA 1282319 A	02-04-91
		CS 8702294 A	14-11-89
		DE 3773970 A	28-11-91
		EP 0240826 A	14-10-87
		JP 2059571 C	10-06-96
		JP 7080752 B	30-08-95
		JP 62244351 A	24-10-87



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No.	Doccode	Number of pages
1	A...	1
2	CLM	39
3	REM	2
4	LET.	4
5	XT/	1

Total number of pages: 47

Remarks:

Order of re-scan issued on



4/18/03

A DOCPHOENIX

APPL PARTS

Internal Misc. Paper

Misc. Incoming Letter

PCT Papers in a 371 Application

Amendment Including Elections

Abstract

Application Data Sheet

Affidavit or Exhibit Received

Appendix

Artifact

Bib Data Sheet

Claim

Computer Program Listing

All CRF Papers for Backfile

Terminal Disclaimer Filed

Drawings

Foreign Reference

Foreign Priority Papers

IDS Including 1449

Non-Patent Literature

Oath or Declaration

Petition

Mail Returned by USPS

Sequence Listing

Specification

Specification Not in English

Transmittal New Application

Count Non-Final

Count Restriction

Examiner Interview

DO/EO Acceptance

DO/EO Missing Requirement

Formal Drawing Required

Notice of Allowance

Petition Decision

OUTGOING

Misc. Office Action

Signed 1449

892

Abandonment

Board of Appeals Decision

Examiner Answer

Count Advisory Action

Count Ex parte Quayle

Count Final Rejection

INCOMING

Appeal Brief

Change of Address

Notice of Appeal

Change in Power of Attorney

Applicant Remarks in Amendment

Extension of Time filed separate

BACKFILE DOCUMENT INDEX SHEET

Internal

Examiner Search Notes

PTO Prepared Complete Claim Set

Evidence Copy Box Identification

Claim Worksheet

Fee Worksheet

File Wrapper

File Wrapper Claim

File Wrapper Issue Information

File Wrapper Search Info

Appl. No. 09/681,065
Amdt. dated April 18, 2003
Reply to Office action of December 18, 2002

#13/Amdt C
4/29/03
C.P.

Appl. No. : 09/681,065
Applicant : Martin C. Robinson
Filed : December 15, 2000
Title : SYSTEM, APPARATUS AND METHOD FOR MARKING
AND TRACKING BULK FLOWABLE MATERIAL

TC/A.U. : 2876
Examiner : Mr. Jared Fureman

Docket No. : 99R1360

Honorable Commissioner for Patents
Washington, DC 20231

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AMENDMENT AND RESPONSE
TO OFFICE ACTION

Sir:

In response to the Office action of December 18, 2002, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of the claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 41 of this paper.

04/18/03 AMISE1 00000003 192260 09681065

01 11:00 AM 100.00 CH
02 11:00 AM 336.00 CH